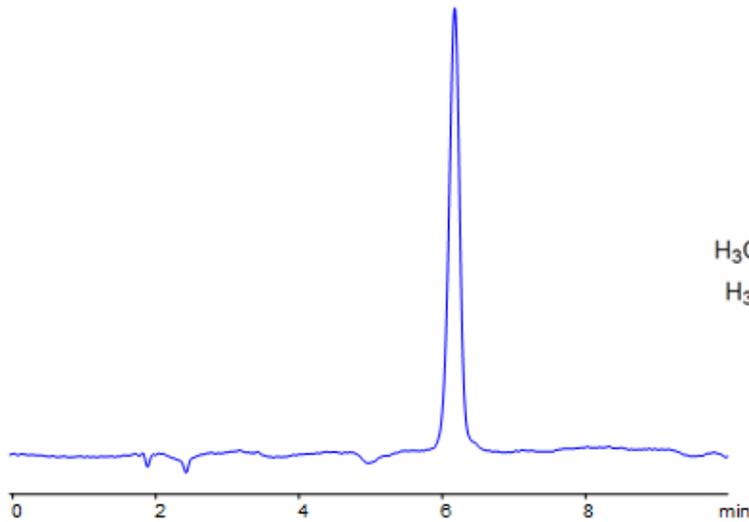
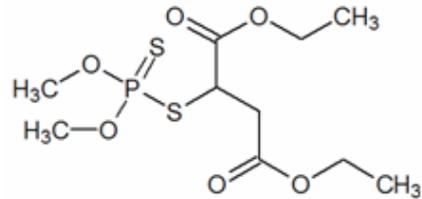


## HPLC Analysis of Malathion



<b>Column:</b>	Obelisc R
<b>Dimensions:</b>	150 x 4.6mm
<b>Mobile Phase:</b>	40% MeCN
<b>Buffer:</b>	20mM AmFm pH 3.0
<b>Flow:</b>	1.0 ml/min
<b>Detection:</b>	UV 250 nm



SIELC has developed the Obelisc™ columns, which are mixed-mode and utilize Liquid Separation Cell technology (LiSC™). These cost-effective columns are the first of their kind to be commercially available and can replace multiple HPLC columns, including reversed-phase (RP), AQ-type reversed-phase, polar-embedded group RP columns, normal-phase, cation-exchange, anion-exchange, ion-exclusion, and HILIC (Hydrophilic Interaction Liquid Chromatography) columns. By controlling just three orthogonal method parameters - buffer concentration, buffer pH, and organic modifier concentration - users can adjust the column properties with pinpoint precision to separate complex mixtures.

### Method Parameters

<b>Column</b>	Obelisc R, 4.6x150 mm, 5 µm, 100 Å
<b>Mobile Phase</b>	MeCN – 40%
<b>Buffer</b>	AmFm pH 3.0- 20 mM
<b>Flow Rate</b>	1.0 mL/min
<b>Detection</b>	UV, 250 nm

Quelle: <https://sielc.com/Application%20HPLC%20Analysis%20of%20Malathion>